KENTUCKY DEPARTMENT OF EDUCATION

STAFF NOTE

Review Item:

Data Quality and Kentucky P-20 Data System

Applicable Statute or Regulation:

KRS 156.670
KRS 157.655
KRS 157.660
KRS 157.665

History/Background:

Existing Policy: The Kentucky Education Technology System (KETS) 2007-2012 Master Plan for Education Technology highlights the integration of instruction with educational technology to transform the way curriculum is taught and provides students with ready access to technology, both inside and outside their classrooms. The driving force behind the Master Plan is ensuring that student classroom performance and students' preparedness for higher education, military and the workforce is kept at the forefront of any educational initiative that involves technology. We have moved far past the time of implementing technology for technology's sake or as a system that does not have direct connections with teaching, learning, productivity, student work, communications, decision making and leadership.

The Plan includes four areas of emphasis:
- Anytime, Anywhere, Always On Differentiated Teaching and Learning
- Data Driven Decision Making for Teachers and Administrators
- Capacity Building and Enhancement of Staff and Resources
- Efficiency and Governance

In March 2011, approximately 650 data elements were taken from three major K-12 data systems (i.e., Infinite Campus, MUNIS, Assessment) and placed in the newly established P-20 system at the Education Cabinet level that also brought in other strategic data from the Council for Postsecondary Education (CPE) and the Education Professionals Standards Board (EPSB). It was a historic first to have all these data elements in one place for analysis and reporting purposes.

Soon other data from other state agencies will be brought into it as well (e.g., workforce, early childhood, etc.). Major decisions by legislators and other state leaders will be made from this combined data as well as on-going analysis by researchers. Attachment A contains a schedule of the reports that will be coming out of the P-20 system. Also, analysis by researchers (e.g., OEA, LRC) is occurring now and will continue to occur. Another extract of all the 650 K-12 data

elements from Infinite Campus, MUNIS and Assessment was fed into the P-20 system in November 2011.

Data needs to be of the highest quality since P-20 results and analysis of those results will be presented to legislators before and during the upcoming legislative session. Also, many other major decisions will be made from the P-20 system. Therefore, from a district and state perspective we must do our best to ensure that each of these data elements are entered accurately, following a common definition, any changes are made at the authoritative source (i.e., from within Infinite Campus, MUNIS or Assessment) and is inspected by both the district and state data steward for accuracy. The Data Quality attachment (Attachment B) is what we have been using with KDE staff, superintendents, district CIOs/edtech leaders and other key district staff.

David Couch, Associate Commissioner of KDE's Office of Knowledge, Information and Data Services and Charles McGrew, Executive Director of the P-20 Data Collaborative, will be present at the April 4 meeting to discuss this topic.

Impact on Getting to Proficiency:

With all the local, state and federal money that is spent on the systems that data is entered into and all the resources at the district and state level devoted to spending time on data there should be expectation of excellence in data quality and reporting systems from the public whose money pays for system that collects data. The system must support both instruction and operational productivity.

Contact Information:

David Couch, Associate Commissioner
Office of KIDS
502-564-2020
David.couch@education.ky.gov

_____
Commissioner of Education

Date:

April 2012